



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

SOCIETY AFFAIRS

PROCEEDINGS THIRTY-EIGHTH ANNUAL CONVENTION

The Thirty-eighth Annual Convention of the American Water Works Convention was held at the Planters' Hotel, St. Louis, Missouri, May 13-17, 1918, an exhibit by the members of the Water Works Manufacturers' Association being held concurrently at the same hotel. Although the constitution requires the opening session to be held on Tuesday, an informal meeting was held on the evening of Monday, May 13. Water Commissioner Edward E. Wall, of St. Louis, introduced Mayor H. W. Keil, who delivered an address of welcome, which was responded to by Past President Leonard Metcalf. A reception and dance followed, by invitation of the Local Entertainment Committee, of which Commissioner Wall was chairman.

Tuesday Morning, May 14. Major Theodore A. Leisen, Q.M.R.C., President of the Association, being unable on account of official duties to be present at this time, the session was called to order at 9.00 a.m., by the Vice President, Allen W. Cuddeback, who presided during the greater part of the convention.

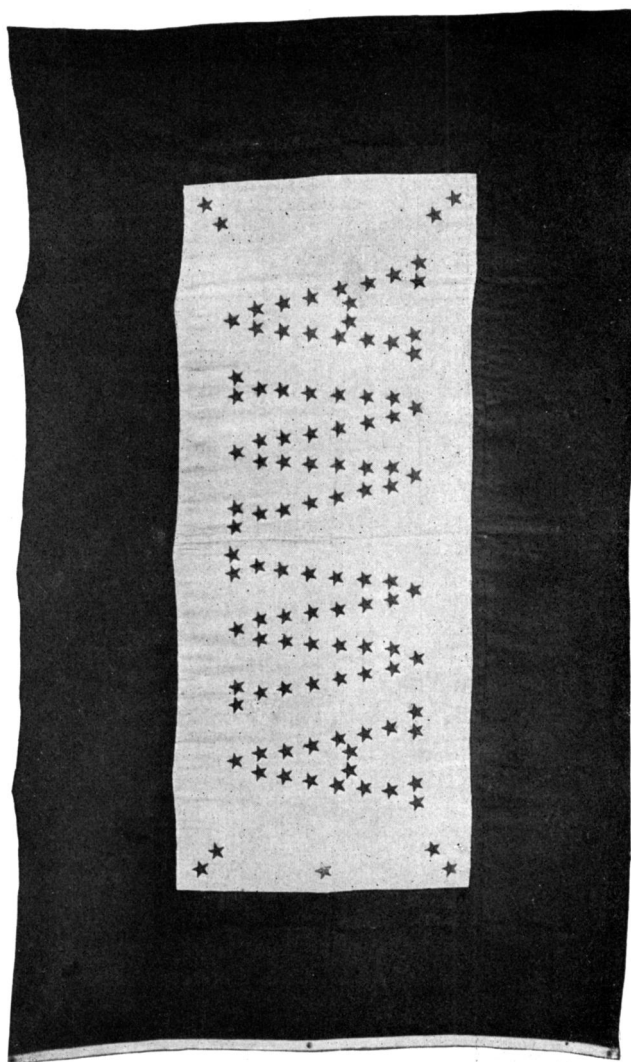
The Canvassing Committee, Jas. H. Caldwell and Wm. P. Mason, reported that the vote on the election of officers was unanimous for the regular nominees. The chair accordingly declared the following were duly elected officers for the ensuing year: President, Charles R. Henderson, Davenport, Iowa; Vice President, Carleton E. Davis, Philadelphia, Pa.; Treasurer, James M. Caird, Troy, N. Y. Trustees, term expiring 1921: Jack J. Hinman, Jr., Iowa City, Ia.; Allen W. Cuddeback, Paterson, N. J.

Geo. A. Johnson, Chairman, read the Report of the Executive Committee, which is printed on page 375.

On motion of Geo. A. Johnson, the Convention tendered to Miss Charlotte S. Edgley a unanimous and rising vote of thanks for presenting to the Association a service flag which was hung in the hotel lobby.

The recommendation of the Executive Committee advising remitting due of members in the military and naval service was discussed by

Mes srs. Chester, Wiles, Kemble, Metcalf, Hatton, Cole and Diven.
The Association voted to concur in the recommendation. On motion



SERVICE FLAG OF THE AMERICAN WATER WORKS ASSOCIATION

Made and presented to the Association at the convention in St. Louis, May, 1918, by Miss
Charlotte S. Edgley, Assistant to the Secretary.

of Henry B. Morgan, it was voted that if any members have been dropped from membership while in the service because of non-payment of dues, such dues should be remitted and these members re-instated.

Geo. W. Fuller delivered an address, illustrated by lantern slides, explanatory of the emergency construction at the various cantonments from the water works standpoint. The address was discussed by Messrs. Metcalf, Little, Werner and Fuller.

On motion of F. C. Jordan, the following resolution was adopted by a unanimous rising vote:

RESOLVED: That Vice President Cuddeback be requested to telegraph to Ex-President Dabney H. Maury our deep sense of his valuable work in furtherance of the prosecution of the war, and our congratulations upon the success of his patriotic and fruitful efforts, and the pledge of the American Water Works Association to coöperate with Lieutenant-Colonel Maury in every way possible to still further develop and carry forward his plans.

The Report of the Special Advisory Committee on Amendments to the Constitution was presented; it is printed on page 355.

After discussion by Messrs. Metcalf, Chester, Wall and Henderson, the entire report of the Committee was concurred in and the several amendments as reported by them and distributed in printed form to the membership, were adopted as read.

Tuesday Night, May 14, 1918. Geo. A. Johnson in pursuance of a vote of the Executive Committee presented the following draft of a letter to Secretary McAdoo for consideration:

St. Louis, Mo., May 14, 1918.

*Hon. William G. McAdoo,
Secretary of the Treasury,
Washington, D. C.*

DEAR SIR:

The American Water Works Association, in convention assembled, contemplating with alarm the conditions existing with reference to difficulties experienced by its members during the past year in obtaining the materials essential to efficient and economical maintenance of satisfactory water service, is impelled to direct your attention to this extremely important matter and earnestly to express the hope that amelioration steps will be taken immediately that this highly essential branch of public service may not be allowed further to depreciate at the expense of increased public sickness, public discomfort, industrial inconvenience, faltering war activities and fire hazard.

The American Water Works Association is a national organization with about 1300 members, representing every state, 481 towns and cities, 37,000,000 persons in the United States, and water works in 18 foreign countries. It reports through its members—water works superintendents, commissioners, managers, engineers and operators,—increasing difficulties in construction, operation, and maintenance of their water works, and many examples fore-

boding menace to the public health and industrial war activities and of loss by fire due to impaired service.

Our water works superintendents and managers complain of great difficulty in obtaining reasonably prompt deliveries of materials essential to the satisfactory operation and maintenance of the works in their charge; manufacturers and builders of water works of futile results of applications to the Car Service Commission in efforts to obtain the delivery of materials without which the highly needed extensions or repairs to existing water works systems cannot be made. The situation is critical and merits immediate adjustment that the prosecution of the war be not hampered, nor the health and well being of the Nation be threatened, due to faltering or unsatisfactory water service.

To this end we respectfully commend to your favorable action the appended list of materials essential to the satisfactory and economical performance of the water departments of America, and request that they be placed at once on the essential list, and furthermore that they actually be given all reasonable priority in transportation.

Very respectfully,
THE AMERICAN WATER WORKS ASSOCIATION.

By _____, *President*.

Approved by the Executive Committee

Ratified by the Association in General Convention at St. Louis, Mo., May 14, 1918.

By _____, *Secretary*.

On motion of Walter Edward Miller, seconded by Geo. W. Fuller, the recommendation of the Executive Committee was concurred in and the foregoing draft of letter approved, by unanimous vote.

A discussion on the increased cost of operation of water works and the difficulties under which they are being managed under war conditions, was held, in which Geo. A. Johnson, J. G. Chester, N. T. Veatch, Jr., and Leonard Metcalf participated.

E. R. Conant read a paper on "The Artesian Water Supply of Savannah, Ga.," which was discussed by J. N. Chester and Walter E. Miller.

In the absence of Louis L. Tribus, New York City, his paper on "Water Treatment Conditions at Council Grove, Kans." was read by Geo. A. Johnson, and discussed by C. C. Young.

Wednesday Morning, May 15. The President, Major Theodore A. Leisen, Q.M.R.C., officer in charge of utilities, Camp Custer, Mich., occupied the chair at this session and delivered the Annual Presidential Address, printed on page 250.

The chairman of the Finance Committee, George A. Johnson, presented its report, which is printed on page 376. In addition he gave in

detail the expenditures for the preceding year, so as to furnish the members with a full understanding of the proposed budget for the ensuing year. He further referred to the fact that there was a movement on foot to improve the character of the JOURNAL and allowance had been made for that, to be acted on by the incoming Executive Committee. On motion of J. N. Chester, the report was accepted and filed.

Chairman of Publication Committee presented the report of that Committee which is printed on page 380.

On motion of R. F. Johnson, the report was approved, especially its recommendations in regard to the JOURNAL.

The report of the Committee on Revision of Standard Specifications for Cast Iron Pipe and Specials, John H. Gregory, Chairman, was presented. It was the same report that was submitted at the Richmond Convention in May, 1917, and printed in the JOURNAL for September of that year, but was accompanied by a tentative draft of standard specifications printed on page 385 of this number. The report and specifications were sent to the members with a questionnaire. In reply to these questions, 33 voted in favor of revising the present specifications and 13 against revision or questioned its usefulness, 32 voted for and 12 against a uniform outside diameter, 26 voted for and 11 against specifying chemical requirements, and 29 voted for and 6 against specifying a relation between flexure and the breaking load. The report was discussed by E. E. Wall, H. B. Morgan, Leonard Metcalf, Walter Wood and T. A. Leisen, and at the close of the discussion it was voted to continue the Committee.

The following were selected members of the Nominating Committee from the several districts, viz.:

District 1. H. Hymmen, Kitchener, Ont.

District 2. Harry F. Huy, Buffalo, N. Y.

District 3. Chas. R. Wood, Philadelphia, Pa., and E. W. Humphrey, Erie, Pa.

District 4. Henry B. Morgan, Peoria, Ill., and W. W. DeBerard, Chicago, Ill.

District 5. J. A. Steele, Jr., Vicksburg, Miss.

District 6. John A. Caulfield, Bismarck, N. D.

In the voting for the next convention city, 114 votes were cast for Buffalo, and 52 votes for Detroit, and on motion of Mr. Wall, seconded by Major Leisen, the selection of Buffalo was made unanimous.

Albert P. Greensfelder, President American Society of Engineering Contractors, St. Louis, Mo., presented a paper on "De-Hydrated Contracts." On motion of Mr. Wall, the President was directed to appoint a special committee to draft a standard form of contract and bond, to report at the next convention.

Wednesday night, May 15. Jack J. Hinman, Jr., presented a paper on "Literature of Field Water Supply."

Robert B. Morse, and Abel Wolman presented jointly a paper on "The Practicability of Adopting Standards of Quality for Water Supplies," which was discussed by Jack J. Hinman, Jr., C. Arthur Brown, and W. S. Cramer.

On account of the lateness of the hour a paper on "Preliminary Analysis of the Degree and Nature of Bacterial Removal in Filter Plants," by Abel Wolman, was read by title.

Superintendent's day, Thursday morning, May 16. Vice President Cuddeback read the following telegram from Lieutenant-Colonel Maury:

I am deeply grateful for message of congratulation and pledge of coöperation. The credit for whatever has been accomplished belongs to the entire Construction Division with which I was lucky enough to be associated. Please convey to my friends and fellow-members my most cordial greetings and best wishes for success of convention. Nothing but the work here could prevent my being with you.

DABNEY H. MAURY.

Discussion on experiences with frozen services, mains and meters during the severe winter of 1917-1918 was opened by Vice-President Cuddeback and papers on the same subject were presented from F. E. Kingsbury, A. R. Hathaway, John T. Metcalf, J. M. Diven, Samuel E. Killam, J. Walter Ackerman, William W. Brush, and Charles A. Windholz. In addition there was oral discussion by W. H. Randall, C. W. Wiles, Robert C. Wheeler, Dr. M. P. Conway, Walter Edward Miller, Dow R. Gwinn, H. Hymmen, C. W. Schiedel, James P. Flatlay, F. T. Kemble, L. B. Landmann, Alvin Bugbee, Beekman C. Little, Wm. Luscombe, E. E. Davis, W. H. Randall, W. A. Judd, R. F. Johnson, A. F. Mellen, Wm. H. Henby, J. Arthur Jensen, and Henry P. Bohmann.

Superintendents' day, Thursday afternoon, May 16. Vice-President Cuddeback read a letter from Wm. W. Brush, calling special attention to a questionnaire on frozen services and mains, sent to members of the New York Section, which Mr. Bettes requested to have

laid before the Convention. Mr. Brush stated that the New York Section would not feel hurt if the convention should decide to have a committee appointed representative of all sections to secure the desired information.

Mr. Cuddeback referred to the extensive interest in frozen services and thought the subject could best be handled by a special committee to consider all of the papers presented and the discussions of the morning. On motion of W. H. Randall, the appointment of such a committee was authorized. The question as to whether it is advisable for the Association to adopt a standard form of electrical thawing machine was referred to the special committee just appointed.

Thomas E. Flaherty presented a paper on "Office Records," which was illustrated by lantern slides.

Mr. Cuddeback showed lantern slides illustrating office records and the method of keeping them.

F. M. Griswold addressed the convention, in reference to the national standard thread on all hose couplings and hydrant outlets.

Mr. Cuddeback presented a paper on "Water Consumption," illustrating it with lantern slides.

Office records and consumption were discussed by E. R. Townsend, Chester R. McFarland, and E. E. Davis.

Thursday night, May 16. A. V. Graf read a paper on "Some Aspects of Chemical Treatment at St. Louis Water Works," which was discussed by Dow R. Gwinn.

C. M. Daily read a paper on "The Double Forty-Eight Inch Manifold at Bissell's Point," illustrated by lantern slides. (No discussion.)

L. A. Day read a paper on "The New 110,000,000 Gallon Pump at Chain of Rocks," illustrated by slides. (No discussion.)

Friday morning, May 17. By unanimous vote, and with applause, the following telegram was read and ordered published in the JOURNAL.

France, May 17, 1918.

President American Water Works Association, St. Louis, Mo.

Greetings; Babbitt, Bartow, Bowles, Brennan, Buswell, Catlett, Ferguson, Fritze, Hale, Hadsen, Hawley, Hazlehurst, Lee, Letton, Mitchell, Murphy, Pugh, Roberts, Suter, Scharff, Walker, American Force.

[SIGNED] LONGLEY.

There being no one present representing the Committee on Standard Specifications for Wrought Iron Pipe, the committee was discharged and the President authorized to re-appoint if found advisable all of the members of the present Committee.

Philip Burgess, chairman of Committee on Mechanical Analysis of Sand, sent a letter stating that a progress report had been prepared, which was accompanied by notes by other members of the Committee; and on motion of Dow R. Gwinn this was referred to the Publication Committee. It is printed on page 345.

The Committee on City Planning, presented no report, the Chairman having resigned his membership in this Association. On motion of Mr. Gwinn, the committee was discharged, with thanks.

A letter was read from Nicholas S. Hill, Jr., chairman of the Committee on Private Fire Protection Service, advising that it had proved impossible to do anything during the present year by reason of several members of this committee being actively engaged on government work and unable to look after Association affairs. On motion, the Committee was discharged, and the president authorized to appoint a new Committee to undertake some positive action. A general discussion followed on the subject of private fire protection service, participated in by W. J. Wills, J. M. Diven, W. H. Randall, Dow R. Gwinn, Chester R. McFarland, E. E. Davis, Henry B. Morgan, George C. Habermeyer, E. E. Wall, J. Walter Ackerman, C. W. Schiedel, and A. W. Cuddeback. On motion of Mr. Gwinn, seconded by C. R. McFarland, the following resolution was adopted unanimously:

Resolved: That it is the sense of the American Water Works Association in Thirty-eighth Annual Convention assembled at St. Louis, Mo., May 14-17, 1918, that private fire protection is valuable and should be paid for by those who enjoy this unusual privilege; that the Water Works Department or Company shall in all cases specify the size of the connections to be made with the water mains; that no permit be issued for private fire protection connections without the approval of the Chief of the Fire Department; that all private fire protection lines shall be metered; that all those desiring private fire connections shall submit plans and blue-prints of the proposed lines through their factories or premises, and that no permit shall be issued for connection to the mains until such plans and blue-prints are filed with and duly approved by the Superintendent of the Water Department or Company; that in furnishing private fire protection the Water Department or Company does not guarantee to furnish the proper quantity of water through the fire protection services or to guarantee anything relative to such service; further that there shall be no connection between the fire protection services and any other source of supply.

No report having been received from the Committee on Official Standards of Water Analysis, the question of whether the Committee should be continued was left to the discretion of the President.

The Committee on Classification of Technical Literature was discharged, with thanks for the work it had done.

On motion of C. W. Wiles, the President was authorized to appoint a new Committee on Depreciation, the correspondence now in hand referring to this subject to be turned over to it.

On motion of Water Commissioner Wall, St. Louis, Mo., a unanimous vote of thanks was tendered to the United Railways Company of St. Louis for courtesies received.

On motion of Secretary Diven a rising vote of thanks was tendered to the Local Committees and especially the Ladies' Committees, for the way in which the visiting members and guests were entertained at St. Louis.

W. A. Foley read a paper on "Some Phases of Distribution Work," illustrated by lantern slides. The paper was highly commended by Chairman Cramer, and on motion of W. H. Randall a special vote of thanks was tendered the author.

ILLINOIS SECTION

The tenth annual meeting of the Illinois Section was held at Urbana on April 16 and 17. In welcoming the Section, Vice President David Kinley of the University of Illinois made the significant statement that there were not the same numbers of students to be seen because about 1800 undergraduates had gone into war service. It might be added that of seventeen members residing in Champaign and Urbana five are now army officers and three are working directly for the government. The attendance was 43, small for an annual meeting of this Section and due, according to Chairman E. MacDonald, to the absence in government work or arduous war-time labors of many of the men hitherto prominent in the Section's affairs. The treasurer reported that the Section was without indebtedness.

The papers presented were as follows:

"Unusual Winter Conditions at Evanston," I. C. Brower.

"Homemade Thawing Machine," F. C. Amsbary.

"Water Waste Elimination; Methods and Results at Oak Park," H. P. T. Matte.

"Letters from the Front," W. W. DeBerard.

"Storage of Coal," Prof. H. H. Stoek.

"Reclamation," Prof. F. H. Newell.

"Water Supply and Sanitation at Government Camps," S. A. Greeley.

"Some Tests of Electrically Operated Deep-Well Pumps," P. S. Biegler and I. W. Fisk.

"Some Recent Sewage Treatment Work," W. D. Hatfield.

"The Property of Certain Water, with Reference to their Action on Metals," Prof. S. W. Parr.

"Reinforced Concrete Pressure Pipe," Coleman Meriwether.

"Pollution and Fish Life," Prof. Victor Shelford.

The Secretary, G. C. Habermeyer, reported that the Section had 110 active members, 1 corporate member and 14 associate members on April 16, 1918.

In the election of officers W. W. DeBerard was chosen chairman, W. E. Lautz vice-chairman, H. E. Keeler treasurer, and F. C. Amsbary trustee. H. M. Ely was elected trustee to fill the unexpired term of Mr. Lautz.

During the meeting the annual dinner was served at Hotel Beardsley, the University student brigade was reviewed, and a visit paid to Chanute Field aviation school.

The following resolution was adopted:

WHEREAS, Circular No. C. S. 1-A, issued March 26, 1918, by the United States Railroad Administration states that liquid chlorine, alum, sulphate of iron and similar chemicals are exempt from embargo when to be used for purification of public water supplies and consigned to municipal authorities, and

WHEREAS, it is apprehended that some local railroad officials may interpret the wording "municipal authorities" too strictly in case of private ownership of plants, and

WHEREAS, other materials in addition to chemicals are just as essential to the proper protection of the health and property of the community, Therefore be it

Resolved, that the Illinois Section of the American Water Works Association recommend to the American Water Works Association that it take up the matter of relief in shipments of materials for the maintenance and operation of public water supplies by requesting United States Railroad Administration, Division of Transportation, Car Service Section, for priority of such materials and supplies.

OBITUARY NOTICES

B. F. Souder, Superintendent of Distribution, Atlantic City, N. J.; elected June 24, 1913; died May 23, 1918.

William R. Hill, Consulting Engineer, Albany, N. Y.; elected member, June 9, 1897; died June 16, 1918.

TREASURER'S REPORT

Troy, N. Y., March 31, 1918.

Permit me to submit my report as Treasurer of The American Water Works Association for the year ending March 31, 1918.

The funds of the Association are on deposit with The Troy Trust Company, Troy, N. Y.

The receipts during the year were as follows:

Balance April 1, 1917.....	\$3,262.36
Received from J. M. Diven, Secretary.....	10,568.01
Interest on deposits.....	118.92
Interest on investments.....	335.00
Total.....	<u>\$14,284.29</u>
Disbursements as per vouchers, cancelled checks and debit slips.....	<u>\$12,796.59</u>
Balance, April 1, 1918.....	<u>\$1,487.70</u>

The disbursements include \$5,000.00 used for the purchase of United States Liberty Bonds for the Permanent Fund.

Attached you will find certificate of The Troy Trust Company showing a deposit of \$1,511.80 at the close of business March 30, 1918.

From this balance there should be deducted the following for unreturned checks.

Deposit as per certificate.....	\$1,511.80
Unreturned checks	
V785—Ck. 955 A. C. Schmidt.....	11.50
793—Ck. 963 Nora Pederson.....	3.00
794—Ck. 964 H. A. Whittaker.....	5.85
795—Ck. 965 Williams & Wilkins Co.....	3.75
	<u>\$24.10</u>
Balance, April 1, 1918.....	<u>\$1,487.70</u>

The receipted vouchers, cancelled checks and debit slips with the book of the Treasurer are submitted for audit.

The Permanent Fund now consists of the following:

4-\$1,000. Dominion of Canada 15 yr. 5% Bonds. (no. 23795-24460-24693-24694).....	\$4,000.00
2-\$1,000. Am. Foreign Sec. Co. 3 yr. 5% Notes. (M-31719-M31720).....	\$2,000.00
4-\$500. U. S. Liberty Loan of 1917 3-½% Bonds. (113880-113881-113882-113883).....	\$2,000.00

1-\$1,000.	U. S. Liberty Loan of 1917 4% Bond. (114824)...	\$1,000.00
1-\$2,000.	U. S. Certificate of Indebtedness 4- $\frac{1}{2}$ %	\$2,000.00
Par value of permanent fund.....		<u>\$11,000.00</u>

The Treasurer receives no salary and is under bond as per the order of your Committee.

JAMES M. CAIRD,
Treasurer.

THE TROY TRUST COMPANY

Troy, N. Y., March 30, 1918.

This is to certify that at the close of business March 30th, 1918, the balance to the credit of the American Water Works Association was Fifteen Hundred Eleven and 80/100 Dollars (\$1,511.80).

HAROLD K. DOWNING,
Vice-President.